

Abstract:

**Method For Monitoring A Measuring Instrument, In  
Particular A Flow Meter And A Measuring Device For  
Carrying Out Said Method**

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The invention relates to a method for monitoring a measurement device, in particular a flow measurement device, and to a measurement device itself. In order in  
10 this case to reliably preclude measurement errors resulting from incorrect installation, the invention proposes that a characteristic variable is calculated from a time series  $s(t)$  of the measurement signal of a measurement device and is compared with previously  
15 recorded reference values, with this being used as the basis to automatically generate a message as to whether the measurement device has been installed correctly or incorrectly.

20 See the figure with respect to the Abstract.